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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE TECH CENTER 1600/2900 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 09/840,795 Filing Date TRANSMITTAL April 23, 2001 First Named Inventor **FORM** Erin E. MURPHY Art Unit 1646 (to be used for all correspondence after initial filing) **Examiner Name** E. O'Hara Attorney Docket Number Total Number of Pages in This Submission 36 140942000401 ENCLOSURES (Check all that apply) Fee Transmittal Form + duplicate After Allowance Communication Drawing(s) to Group for Fee Processing (2 pages) Appeal Communication to Board of Fee Attached Licensing-related Papers Appeals and Interferences Appeal Communication to Group Amendment/Reply (32 pages X Petition (Appeal Notice, Brief, Reply Brief) including Exhibits A and B) Petition to Convert to a After Final **Proprietary Information** Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address x Other Lidentify below): DEC 17
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ate	December 8, 2003	
	dressed to: Commissioner for	ing deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.  (Michael Boyd)

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PTO/SB/17 (10-03) Approved for use through 7/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known FEE TRANSMITTAL 09/840,795 Application Number April 23, 2001 Filing Date for FY 2004 Erin E. MURPHY First Named Inventor Effective 10/01/2003, Patent fees are subject to annual revision **Examiner Name** E. O'Hara O1

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VED Applicant claims small entity status. See 37 CFR 1.27 1646 Art Unit 140942000401 TOTAL AMOUNT OF PAYMENT Attorney Docket No. 110.00 METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) Check 3. ADDITIONAL FEES Order X Deposit Account: Large Entity Small Entity Deposit 03-1952 Fee Fee Fee Fee Fee Description Code (\$) Code (\$) Number Deposit 1051 130 2051 65 Surcharge - late filing fee or oath Morrison & Foerster LLP Name Surcharge - late provisional filing fee or cover 50 2052 25 1052 The Director is authorized to: (check all that apply) sheet X Credit any overpayments Charge fee(s) indicated below 1053 130 1053 130 Non-English specification 1812 2.520 For filing a request for ex parte reexamination Х Charge any additional fee(s) or any underpayment of fee(s) 1812 2,520 Requesting publication of SIR prior to 1804 9201 1804 9201 Charge fee(s) indicated below, except for the filing fee Requesting publication of SIR after to the above-identified deposit account. 1805 1805 1.840 1.840\* Examiner action **FEE CALCULATION** 1251 110 2251 55 Extension for reply within first month 110,00 1. BASIC FILING FEE 1252 420 2252 210 Extension for reply within second month Large Entity Small Entity 1253 950 2253 475 Extension for reply within third month Fee Paid Fee Description 1254 1.480 2254 Extension for reply within fourth month Code (\$) Code (\$) 2001 385 Utility filing fee 1255 2,010 2255 1,005 Extension for reply within fifth month 1001 770 1002 340 2002 170 Design filing fee 1401 330 2401 165 Notice of Appeal 1003 530 2003 265 Plant filing fee 1402 330 2402 165 Filing a brief in support of an appeal 1004 770 2004 385 Reissue filing fee 1403 290 2403 145 Request for oral hearing 1005 160 2005 80 Provisional filing fee 1451 1.510 1451 1.510 Petition to institute a public use proceeding 2452 Petition to revive - unavoidable 1452 110 55 SUBTOTAL (1) (\$) 0.00 2453 665 Petition to revive - unintentional 1453 1,330 Utility issue fee (or reissue) 1501 1.330 2501 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 665 Extra 1502 480 2502 Design issue fee 240 Fee Pald Cialm below 640 Total Claims 1503 2503 320 Plant issue fee Independe**n**t 1460 130 1460 130 Petitions to the Commissioner Claims 50 1807 Processing fee under 37 CFR 1.17(q) 1807 Multiple Dependent 1806 180 1806 180 Submission of Information Disclosure Stmt Large Entity Small Entity Recording each patent assignment per Fee Description 8021 40 8021 40 Code (\$) Code (\$) property (times number of properties) Filing a submission after final rejection 18 2202 1202 9 Claims in excess of 20 1809 770 2809 385 (37 CFR 1.129(a)) 1201 86 2201 43 Independent claims in excess of 3 For each additional invention to be 1810 770 2810 385 145 Multiple dependent claim, if not paid 1203 290 2203 examined (37CFR 1.129(b)) 86 2204 \*\* Reissue independent claims 1801 770 2801 Request for Continued Examination (RCE) 1204 43 Request for expedited examination 1802 900 1802 900 of a design application \*\* Reissue claims in excess of 20 1205 18 2205 and over original patent Other fee (specify) SUBTOTAL (3) (\$) 110.00 \*Reduced by Basic Filing Fee Paid SUBTOTAL (2) (\$) 0.00 \*\*or number previously paid, if greater, For Reissues, see above SUBMITTED BY (Complete (if applicable)) Registration No. (858) 720-7955 51,804 Laurie L Hill, Ph.D Telephone Name (Print/Type) (Attorney/Agent) Date December 8, 2003 Signature